

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/791048	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:21
S2	1816	361/760.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 12:16
S3	740	361/783.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 09:21
S4	357	361/782.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 09:21
S5	15	Landeros.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 09:44
S6	8	("5425647"   "5798563"   "5808873"   "5866942"   "6064114"   "6316736"   "6369443"   "6384344").PN. OR ("6657133"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/31 10:29
S7	24	("5687474"   "5717249"   "5728248"   "5731227"   "5796165"   "5847935"   "5874321"   "5933709"   "5943558"   "6048754"   "6097612"   "6146918"   "6147401"   "6153449"   "6190939"   "6197613"   "6259335"   "6333856"   "6373131"   "6449168"   "6455925").PN. OR ("6633005"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/31 10:30
S8	9	("5055637"   "5109320"   "5368883"   "5629835"   "5994648").PN. OR ("6310780"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/31 11:07
S9	75656	"174".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 11:09
S10	113762	"361".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 11:09

## EAST Search History

S11	6557	(S9 or S10) and barrier\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:21
S12	42	(S9 or S10) and (flow near barrier\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 11:26
S13	927	(S9 or S10) and (solder near mask)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 11:27
S14	180	S13 and (trench\$2 or barrier\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:00
S15	0	10/316286	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 12:25
S16	55	("4134339" "4771929" "5107759" "5308928" "5484963" "5593080" "5683788" "5704287" "5729439" "5729894" "5784262" "5812378" "5861670" "6025258" "6090301" "6115262" "6131511" "6150827" "6271481" "6316736" "6320139" "6347734" "6383603" "6386435" "6388890" "6566611").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 12:29
S17	75656	"174".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:22
S18	113762	"361".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:22
S19	1699	(S17 or S18) and (fluid\$2 adj flow\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:46
S20	4	(S17 or S18) and ((fluid\$2 adj flow\$2)near (barrier or trench\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:47
S21	0	S19 and organic42	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:29

## EAST Search History

S22	186	S19 and (organic\$2 or underfill)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:47
S23	176639	S17 or S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:46
S24	9257	S23 and (organic\$2 or underfill)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:47
S25	590	S23 and (underfill)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 09:14
S26	1	S25 and ((fluid\$2 adj flow\$2)near (barrier or trench\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:49
S27	113	S25 and (barrier or trench\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:58
S28	10	S25 and (fluid\$2 adj flow\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:49
S29	75656	"174".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:59
S30	113762	"361".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:59
S31	927	(S29 or S30) and (solder near mask)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 16:59
S32	75656	"174".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 17:01
S33	113762	"361".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 17:01

## EAST Search History

S34	176639	S32 or S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 17:01
S35	590	S34 and (underfill)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 18:04
S36	2	"6365441".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 09:36
S37	2	"20020037138"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 09:36
S38	75656	"174".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:00
S39	113762	"361".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:00
S40	927	(S38 or S39) and (solder near mask)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 17:50
S41	75656	"174".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:00
S42	113762	"361".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:00
S43	176639	S41 or S42	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:00
S44	590	S43 and (underfill)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:00
S45	81	S40 and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:00
S46	0	("2005/0178581").URPN.	USPAT	OR	ON	2006/04/03 11:58

## EAST Search History

S47	2	"6310780".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:58
S48	9	("5055637"   "5109320"   "5368883"   "5629835"   "5994648").PN. OR ("6310780"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 11:59
S49	2	"5647123".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 12:16
S50	13	("5162613"   "5203076"   "5218234"   "5245750").PN. OR ("5647123").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 12:16
S51	34	("5203076"   "5216278"   "5385869"   "5451721"   "5647123"   "5677246"   "5681757"   "5697148"   "5710071"   "5766982"   "5789278"   "5801452"   "5811879"   "5817545"   "5834339"   "5834340"   "5835355"   "5844319"   "5866442"   "5866953"   "5919329").PN. OR ("6048656"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 12:17
S52	34	("5203076"   "5216278"   "5385869"   "5451721"   "5647123"   "5677246"   "5681757"   "5697148"   "5710071"   "5766982"   "5789278"   "5801452"   "5811879"   "5817545"   "5834339"   "5834340"   "5835355"   "5844319"   "5866442"   "5866953"   "5919329").PN. OR ("6048656"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 12:20
S53	2	"6356453".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 14:17
S54	23	("5471027"   "5608262"   "5708296"   "5757074"   "5784261"   "5812380"   "5883425"   "5907477"   "5962133"   "5981314"   "6061248"   "6093972"   "6108210"   "6218730"   "6235996"   "6241145").PN. OR ("6356453"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:22
S55	2	"5626774".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 14:51

## EAST Search History

S56	2263	Maa.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 14:52
S57	11	S43 and Maa.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 15:07
S58	7	("4211603"   "4490457"   "4720324"   "4854040"   "5665525"   "5699613"   "6291081").PN. OR ("6753480").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:55
S59	39	("20010042637" "3620933" "38744 40" "4211603" "4490457" "4720324  "4854040" "5047114" "5065227" "5 5218761" "5316787" "5576135" "5 626774" "5665525" "5699613" "584 0402" "5861076" "6291081").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 15:09
S60	1	10/791048	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 16:37
S61	2	"6048656".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 16:37
S62	34	("5203076"   "5216278"   "5385869"   "5451721"   "5647123"   "5677246"   "5681757"   "5697148"   "5710071"   "5766982"   "5789278"   "5801452"   "5811879"   "5817545"   "5834339"   "5834340"   "5835355"   "5844319"   "5866442"   "5866953"   "5919329").PN. OR ("6048656"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 17:07
S63	2	"5218234".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 16:57
S64	2	"5120678".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 16:58
S65	2	"6291264".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 17:07

## EAST Search History

S66	12	("4818728"   "5120678"   "5218234"   "6048656"   "6214635").PN. OR ("6291264").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 17:49
S67	143	S40 and barrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 18:03
S68	75656	"174".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 18:04
S69	113762	"361".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 18:04
S70	927	(S68 or S69) and (solder near mask)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 18:04
S71	75656	"174".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 18:04
S72	113762	"361".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 18:04
S73	176639	S71 or S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 18:04
S74	590	S73 and (underfill)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 18:04
S75	81	S74 and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 18:29
S76	75676	"174".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 09:15
S77	113826	"361".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 09:15

## EAST Search History

S78	176716	S76 or S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 09:15
S79	591	S78 and (underfill)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 11:14
S80	29	S79 and (passive near active)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 09:31
S81	4	"L70" and (passive near active)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 09:31
S82	75676	"174".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 09:32
S83	113826	"361".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 09:32
S84	928	(S82 or S83) and (solder near mask)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 09:38
S85	34	S84 and (passive near active)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 09:37
S86	0	S84 and (distance near "1.7mm")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 09:38
S87	2	S84 and (distance near mm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 09:41
S88	242	S84 and ("1.7" mm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 12:19
S89	194	S79 and capacitor\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 12:22



## EAST Search History

S90	42	"S784" and ("1.7" mm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 12:19
S91	730	"S78" and ("1.7" mm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 12:23
S92	75676	"174".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 12:22
S93	113826	"361".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 12:22
S94	176716	S92 or S93	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 12:22
S95	30582	S94 and capacitor\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 12:22
S96	4809	S95 and ("1.7" mm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 13:05
S97	2	"20040159461".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 18:30
S98	2	"6291264".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/16 18:13